

REMARKS

The present amendment is submitted in response to telephonic contact from Examiner Stevens to the undersigned attorney. No new matter has been added. Examiner Stevens indicated that he was prepared to allow all pending claims, upon 5 resolution of three issues, discussed hereinbelow. Applicants and their undersigned attorney acknowledge with deep gratitude the Examiner's courtesy in initiating the telephone contact and the willingness to allow the pending the claims.

The first issue pertained to an antecedent basis issue with Claim 34. Claim 34 has now been amended to correct this problem, as per the telephonic contact 10 referenced above.

The second issue pertained to an antecedent basis issue with Claim 47. Claim 47 has now been amended to correct this problem, as per the telephonic contact referenced above.

The third issue pertained to FIG. 9. Specifically, Examiner Stevens 15 indicated that reference characters 701 through 725 did not appear to be mentioned in the specification. FIG. 9 and the related passages in the specification have been carefully reviewed and it has been determined that characters 701 through 725 should, in fact, be characters 601 through 625 - please refer to page 60, line 13. FIG. 9 has been amended to reflect that matrix 600 of FIG. 6 is reproduced therein. Furthermore, it has been 20 determined that certain reference characters were used twice, so elements 1001 through 1010 are renumbered as elements 901 through 910 to avoid ambiguity (see use of character 1010 for a different element in FIG. 10). Finally, it was noted that row w4x2 had certain elements misplaced, as would be apparent to the skilled artisan from the synthesizer model 810 of FIG. 8. The appropriate paragraph of the specification has been 25 amended to employ consistent reference numbers.

All of the pending claims are in condition for allowance and such favorable action is earnestly solicited.

If any outstanding issues remain, or if the Examiner has any further suggestions for expediting allowance of this application, the Examiner is invited to contact the undersigned at the telephone number indicated below.

The Examiner's attention to this matter is appreciated.

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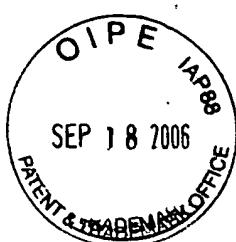
Respectfully submitted,



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Paul J. Otterstedt
Attorney for Applicants
Reg. No. 37,411
Ryan, Mason & Lewis, LLP
1300 Post Road, Suite 205
Fairfield, CT 06824
(203)255-6560



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FIG. 9

	w_1x_1	w_1x_2	w_1x_3	w_2x_1	w_2x_2	w_2x_3	w_3x_1	w_3x_2	w_3x_3	w_4x_1	w_4x_2	w_4x_3	
w_1x_1	<u>601</u> <u>701</u>	0	0	0	0	0	0	0	0	0	0	0	r_1
w_1x_2	<u>602</u> <u>702</u>	<u>603</u> <u>703</u>	0	0	0	0	0	0	0	0	0	0	r_2
w_1x_3	0	<u>604</u> <u>704</u>	<u>605</u> <u>705</u>	0	0	0	0	0	0	0	0	0	r_3
w_2x_1	<u>606</u> <u>706</u>	0	0	<u>607</u> <u>707</u>	0	0	0	0	0	0	0	0	r_4
w_2x_2	<u>608</u> <u>708</u>	<u>609</u> <u>709</u>	0	<u>610</u> <u>710</u>	<u>611</u> <u>711</u>	0	0	0	0	0	0	0	r_5
w_2x_3	0	<u>612</u> <u>712</u>	<u>613</u> <u>713</u>	0	<u>614</u> <u>714</u>	<u>615</u> <u>715</u>	0	0	0	0	0	0	r_6
w_3x_1	0	0	<u>716</u> <u>8</u>	0	0	<u>617</u> <u>717</u>	0	0	0	0	0	0	r_7
w_3x_2	0	0	<u>718</u> <u>8</u>	<u>719</u> <u>8</u>	0	<u>720</u> <u>721</u>	0	0	0	0	0	0	r_8
w_3x_3	0	0	0	0	<u>722</u> <u>723</u>	<u>623</u> <u>723</u>	0	<u>724</u> <u>624</u>	<u>625</u> <u>725</u>	0	0	0	r_9
w_4x_1	0	0	0	0	0	<u>1001</u> <u>901</u>	0	0	<u>1002</u> <u>902</u>	0	0	0	r_{10}
w_4x_2	0	0	0	0	0	<u>1003</u> <u>903</u>	<u>8</u> <u>904</u>	<u>1004</u> <u>904</u>	<u>8</u> <u>905</u>	<u>1005</u> <u>905</u>	0	0	r_{11}
w_4x_3	0	0	0	0	0	0	<u>1007</u> <u>1007</u>	<u>1008</u> <u>908</u>	0	<u>1009</u> <u>909</u>	<u>1010</u> <u>910</u>	0	r_{12}

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600

600

900